



STIC Search Report

EIC 2800

STIC Database Tracking Number: 174725

TO: Jose Dees
Location: JEF-8D59
Art Unit : 2800
Tuesday, December 20, 2005

Case Serial Number: 10/718511

From: Darcy Bates
Location: EIC 2800
JEF- 4B68
Phone: 571-272-2540

darcy.bates@uspto.gov

Search Notes

Re: 10/718,511 US 6,318,171

Attached are search results.

No U. S. litigation was found in searches of Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

Thanks,

Darcy Bates




Bates, Darcy

From: Dees, Jose
Sent: Friday, December 16, 2005 12:54 PM
To: STIC-EIC2800
Subject: litigation search for

Please do a litigation search for Patent no. 6,318,171. Reissue 10/718511.

Thanks, J Dees

 PALM INTRANETDay : Monday
Date: 12/19/2005
Time: 09:00:42

Continuity Information for 10/718511

Parent Data

10718511

1, REI, 09451927 , 10718511

is a reissue of 09451927

Child Data

No Child Data

Appln Info

Contents

Petition Info

Atty/Agent Info

**Continuity
Data**

Foreign Data

Inventors

Address

Search Another: Application#

Search

or Patent#

Search

PCT /

Search

or PG PUBS #

Search

Attorney Docket #

Search

Bar Code #

Search

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)


PALM INTRANET

Day : Monday
Date: 12/19/2005
Time: 09:00:46

Application Number InformationApplication Number: 09/451927 [Assignments](#)Examiner Number: 71616 / [PATEL, HARSHAD](#)

Filing or 371(c) Date: 12/01/1999

Group Art Unit: 2855

Effective Date: 12/01/1999

Class/Subclass: 073/204.270

Application Received: 12/01/1999

Lost Case: NO

Patent Number: 6318171

Interference Number:

Issue Date: 11/20/2001

Unmatched Petition: NO

Date of Abandonment: 00/00/0000

L&R Code: Secrecy Code:1

Attorney Docket Number: 00325/ME:YKO

Third Level Review: NO

Secrecy Order: NO

Status: 150 /PATENTED CASE

Status Date: 11/01/2001

Confirmation Number: 9671

Oral Hearing: NO

Title of Invention: **FLOW RATE SENSOR IMPLEMENTING A PLURALITY OF INNER TUBES LOCATED WITHIN A SENSOR TUBE**

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09451927	28M1	05/26/2005	2855	No Charge to Name	NGO,CHAU	JEF/00/C 05

Appln Info

Search Another: Application# or Patent#
PCT / / or PG PUBS #
Attorney Docket #
Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

 PALM INTRANETDay : Monday
Date: 12/19/2005
Time: 09:00:51

Continuity Information for 09/451927

Parent Data

No Parent Data

Child Data

10718511 is a reissue of 09451927

Appln Info

Contents

Petition Info

Atty/Agent Info

**Continuity
Data**

Foreign Data

Inventors

Address

Search Another: Application#

Search

or Patent#

Search

PCT /

Search

or PG PUBS #

Search

Attorney Docket #

Search

Bar Code #

Search

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

[Order Documents](#) | [Available Courts](#) | [Lexis.com](#) | [Sign Out](#) | [Learning Center](#)

LexisNexis CourtLink

Welcome Darcy Bates!

[My CourtLink](#) [Search](#) [Dockets & Documents](#) [Track](#) [Alert](#) [Strategic Profiles](#) [My Account](#)[Search](#) > [Patent Search](#) > Searching

Patent Search - Number: 6,318,171

No cases found,

[Return to Search](#)

(Charges for search still apply)

[Pricing](#) [Privacy](#) [Master Services Agreement](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility Patents](#) 

Terms: **patno=6318171** ([Edit Search](#) | [Suggest Terms for My Search](#))

451927 (09) 6318171 November 20, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6318171

[♦ Get Drawing Sheet 1 of 12](#)

[Access PDF of Official Patent *](#)

[Check for Patent Family Report PDF availability *](#)

* Note: A transactional charge will be incurred for downloading an Official Patent or Patent Family Report. Your acceptance of this charge occurs in a later step in your session. The transactional charge for downloading is outside of customer subscriptions; it is not included in any flat rate packages.

[Link to Claims Section](#)

November 20, 2001

Flow rate sensor implementing a plurality of inner tubes located within a sensor tube

REISSUE: November 20, 2003 - Reissue Application filed Ex. Gp.: 2855; Re. S.N. 10/718,511 (O.G. March 2, 2004)

INVENTOR: Suzuki, Isao - Tokyo, Japan (JP)

APPL-NO: 451927 (09)

FILED-DATE: December 1, 1999

GRANTED-DATE: November 20, 2001

PRIORITY: December 1, 1998 - 10341800, Japan (JP); June 18, 1999 - 11172854, Japan (JP)

ASSIGNEE-AT-ISSUE: MKS Japan, Inc., Tokyo, Japan (JP), 03

ASSIGNEE-AFTER-ISSUE: December 1, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., MKS JAPAN, INC. 1-20-32, MIYAMAE, SUGINAMI-KU TOKYO JAPAN, Reel and Frame Number: 10424/0958

LEGAL-REP: Wenderoth, Lind, and Ponack, L. L.P. - ##0

PUB-TYPE: November 20, 2001 - Utility Patent having no previously published pre-grant publication (B1)

PUB-COUNTRY: United States (US)


US-MAIN-CL: 73#204.27

CL: 73

SEARCH-FLD: 073#204.22, 073#204.27, 073#204.15

IPC-MAIN-CL: 7G 01F001#68

PRIM-EXMR: Patel, Harshad

LexisNexis® Total Research System[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)[History](#) | [Sources](#) | [Guided Search Forms](#) | [Command Searching](#)[Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility Patents](#)**Enter Search Terms**☒ [Terms and Connectors](#) ☐ [Natural Language](#) ☐ [Easy Search](#)

patno=6318171

[Suggest Terms
for My Search](#)[Search](#)[Check Spelling](#)**Restrict by Segment:**

Select a segment, enter search terms for the segment, then click Add.

Select a Segment

Add

Note: Segment availability differs between sources. Segments may not be applied consistently across sources.

Restrict by Date:☒ [No Date Restrictions](#)☐

From

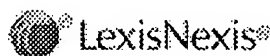
To

[Date Formats...](#)**Search Connectors**

Use connectors to show relationship between search terms. (Hover over connector for description. Click a connector to add to search.)

Syntax Definition

and	and
or	or
w/N	within N words
not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not

[View Search Comman](#)[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)
[History](#) | [Delivery Manager](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)[About LexisNexis](#) | [Terms & Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

WELCOME to QUESTEL.ORBIT- Your Guide to INTELLECTUAL PROPERTY

Query/Command : file pluspat

Selected file: PLUSPAT

Search statement 1

Query/Command : us6318171/pn

** SS 1: Results 1

Search statement 2

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image
PN - US6318171 B1 20011120 [US6318171]
TI - (B1) Flow rate sensor implementing a plurality of inner tubes
located within a sensor tube
PA - (B1) MKS JAPAN INC (US)
PAO - MKS Japan, Inc., Tokyo [JP]
IN - (B1) SUZUKI ISAO (JP)
AP - US45192799 19991201 [1999US-0451927]
PR - JP34180098 19981201 [1998JP-0341800]
JP17285499 19990618 [1999JP-0172854]
IC - (B1) G01F-001/68
EC - G01F-001/684M
G01F-001/684N
PCL - ORIGINAL (O) : 073204270
DT - Basic
CT - US5285673; US5410912; US5741968; US5792952; US6125695
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - There is provided a flow rate sensor comprising: a pair of heating
resistors operable to heat a sensor tube; a temperature sensor
operable to control respective temperatures of the heating
resistors; and a case operable to hold the heating resistors and
the temperature sensor. The flow rate sensor is adapted to detect
a flow rate of a fluid flowing in the sensor tube based on
variations of voltages applied to the heating resistors, wherein
the variations occur according to the flow rate of the fluid. The
flow rate sensor further comprises a voltage applying device
operable to arbitrarily set an increase in temperature of each of
the heating resistors. The sensor tube has opposite ends thereof
thermally connected to the case. The temperature sensor is
positioned to be equidistant from the opposite ends of the
sensor.
UP - 2001-48

1 / 1 LGST - @EPO
PN - US6318171 B1 20011120 [US6318171]
AP - US45192799 19991201 [1999US-0451927]
ACT - 19991201 US/AS-A
ASSIGNMENT
OWNER: MKS JAPAN, INC. 1-20-32, MIYAMAE, SUGINAMI-KU TOKY;

12/19/05

US 6,318,171

10/718511

EFFECTIVE DATE: 19991122
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:SUZUKI,
ISAO;REEL/FRAME:010424/0958

20040302 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031120
UP - 2004-25

1 / 1 CRXX - @CLAIMS/RRX
AN - 3606048
PN - 6,318,171 A 20011120 [US6318171]
PA - MKS Japan Inc JP
PT - M (Mechanical)
ACT - 20031120 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20040302
REISSUE REQUEST NUMBER: 10/718511
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2855

Reissue Patent Number:

UP - 2004-10
UACT- 2004-03-02

Search statement 2

Query/Command : fam us6318171/pn

1 Patent Groups
** SS 2: Results 2

Search statement 3

Query/Command : famstate nonstop


1 / 2 PLUSPAT - @QUESTEL-ORBIT - image
PN - JP2000227354 A 20000815 [JP2000227354]
STG - (A) Doc. Laid open to publ. Inspec.
TI - (A) FLOW RATE SENSOR
PA - (A) NIPPON MKS KK
PA0 - (A) NIPPON M K S KK
IN - (A) SUZUKI ISAO
IC - (A) G01F-001/00 G01F-001/68 G01F-015/02 G01P-005/12
AP - JP17285499 19990618 [1999JP-0172854]
PR - JP17285499 19990618 [1999JP-0172854]
JP34180098 19981201 [1998JP-0341800]
UP - 2000-44

2 / 2 PLUSPAT - @QUESTEL-ORBIT - image
PN - US6318171 B1 20011120 [US6318171]
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
TI - (B1) Flow rate sensor implementing a plurality of inner tubes
located within a sensor tube
PA - (B1) MKS JAPAN INC (US)
PAO - MKS Japan, Inc., Tokyo [JP]
IN - (B1) SUZUKI ISAO (JP)
IC - (B1) G01F-001/68
AP - US45192799 19991201 [1999US-0451927]
PR - JP34180098 19981201 [1998JP-0341800]
JP17285499 19990618 [1999JP-0172854]
EC - G01F-001/684M
G01F-001/684N
PCL - ORIGINAL (O) : 073204270
DT - Basic
UP - 2001-48

1 / 1 LEGALI - @EPO
PN - US6318171 B1 20011120 [US6318171]
AP - US45192799 19991201 [1999US-0451927]
ACTE- 19991201 US/AS-A
ASSIGNMENT
OWNER: MKS JAPAN, INC. 1-20-32, MIYAMAE, SUGINAMI-KU TOKY;
EFFECTIVE DATE: 19991122
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:SUZUKI,
ISAO;REEL/FRAME:010424/0958

20040302 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031120
UP - 2004-25

LexisNexis® Total Research System

[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)[History](#) | [Sources](#) | [Guided Search Forms](#) | [Command Searching](#)[Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Multi-Source Groups](#) > [Patent Cases from Federal Courts and Administrative Materials](#)**Enter Search Terms**☒ **Terms and Connectors** ☐ **Natural Language** ☐ **Easy Search**

6318171 or 6,318,171

[Suggest Terms
for My Search](#)[Check Spelling](#)**Search Connectors**

Use connectors to show relationship between search terms. (Hover over connector for description. Click a connector to add to search.)

Syntax	Definition
and	and
or	or
w/N	within N words
not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not
View Search Comman	

Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Select a Segment

Add

Note: Segment availability differs between sources. Segments may not be applied consistently across sources.

Restrict by Date:☒ **No Date Restrictions** ☐ From To [Date Formats...](#)[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)
[History](#) | [Delivery Manager](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)[About LexisNexis](#) | [Terms & Conditions](#)[Copyright ©](#) 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

No Documents Found!

No documents were found for your search terms

"6318171 or 6,318,171"

Click "Save this search as an Alert" to schedule your search to run in the future.

- OR -

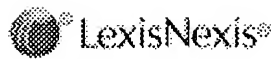
Click "Edit Search" to return to the search form and modify your search.

Suggestions:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms, such as those listed in "Suggested Words and Concepts"
- Use a less restrictive date range.

☒ Save this Search as an Alert

Edit Search



[About LexisNexis](#) | [Terms & Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

LexisNexis® Total Research System

[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)[History](#) | [Help](#)[Sources](#) | [Guided Search Forms](#) | [Command Searching](#)[Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Legal News](#) > [Patent, Trademark & Copyright Periodicals, Combined](#)**Enter Search Terms**☒ [Terms and Connectors](#) ☐ [Natural Language](#) ☐ [Easy Search](#)

6318171 or 6,318,171

[Suggest Terms
for My Search](#)[Search](#)[Check Spelling](#)**Search Connectors**

Use connectors to show relationship between search terms. (Hover over connector for description. Click a connector to add to search.)

Syntax Definition

and	and
or	or
w/N	within N words
not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not

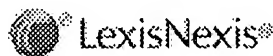
[View Search Comman](#)**Restrict by Segment:**

Select a segment, enter search terms for the segment, then click Add.

Select a Segment

[Add](#)

Note: Segment availability differs between sources. Segments may not be applied consistently across sources.

Restrict by Date:☒ [No Date Restrictions](#) ☐ From To [Date Formats...](#)[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)
[History](#) | [Delivery Manager](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)[About LexisNexis](#) | [Terms & Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

No Documents Found!

No documents were found for your search terms

"6318171 or 6,318,171"

Click "Save this search as an Alert" to schedule your search to run in the future.

- OR -

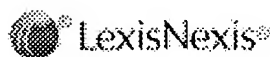
Click "Edit Search" to return to the search form and modify your search.

Suggestions:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms, such as those listed in "Suggested Words and Concepts"
- Use a less restrictive date range.

 [Save this search as an Alert](#)

[Edit Search](#)



[About LexisNexis](#) | [Terms & Conditions](#)

[Copyright ©](#) 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

LexisNexis® Total Research System[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)[History](#) | [Sources](#) | [Guided Search Forms](#) | [Command Searching](#)[News & Business](#) > [News](#) > [News, All \(English, Full Text\)](#) **Enter Search Terms**☒ [Terms and Connectors](#) ☐ [Natural Language](#) ☐ [Easy Search](#)

6318171 or 6,318,171

[Suggest Terms
for My Search](#) **Search**[Check Spelling](#)**Restrict by Segment:**

Select a segment, enter search terms for the segment, then click Add.

Select a Segment

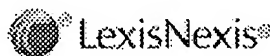
Add

Note: Segment availability differs between sources. Segments may not be applied consistently across sources.**Restrict by Date:**☒ [No Date Restrictions](#) ☐ From To [Date Formats...](#) **Search Connectors**

Use connectors to show relationship between search terms. (Hover over connector for description. Click a connector to add to search.)

Syntax Definition

and	and
or	or
w/N	within N words
not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not

[View Search Comman](#)[My Lexis™](#) | [Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Alerts](#)
[History](#) | [Delivery Manager](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)[About LexisNexis](#) | [Terms & Conditions](#)[Copyright © 2005 LexisNexis](#), a division of Reed Elsevier Inc. All rights reserved.

No Documents Found!

No documents were found for your search terms

"6318171 or 6,318,171"

Click "Save this search as an Alert" to schedule your search to run in the future.

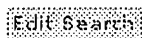
- OR -

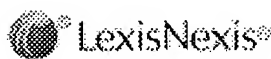
Click "Edit Search" to return to the search form and modify your search.

Suggestions:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms, such as those listed in "Suggested Words and Concepts"
- Use a less restrictive date range.

 Save this search as an Alert

 Edit Search



[About LexisNexis](#) | [Terms & Conditions](#)

[Copyright ©](#) 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.